

The complementary angles add to 90 degrees  
 If they are complementary angles then they add to 90 degrees

$p \rightarrow q$        $p \rightarrow q$

$q \rightarrow p$

$\sim p \rightarrow \sim q$

$\sim q \rightarrow \sim p$

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Ants are insects

$T$  If it is an ant, then it is an insect

Conditional  $p \rightarrow q$

$F$  If it is an insect then it an ant  
 converse

$F$  If it is not an ant then it is not insect  
 Inverse

$T$  If it is not an insect, then it is not an ant  
 contrapositive

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